

What is Claimed is:

1. A transfer rate controller, comprising:
input means of inputting a picture or sound stream;
packet rate adjusting means of controlling a transfer rate of the stream by adjusting an interval between packets respectively belonging to each frames of the inputted stream;
and
output means of outputting the stream outputted from the packet rate adjusting means.
2. The transfer rate controller according to claim 1, the packet rate adjusting means changes the frame rate.
3. The transfer rate controller according to claim 1, the packet rate adjusting means makes no change in the frame rate.
4. The transfer rate controller according to any one of claims 1 to 3, wherein the stream has a plurality of multiplexed data.
5. The transfer rate controller according to any one of claims 1 to 3, wherein the stream has no multiplexed data.
6. The transfer rate controller according to any one of claims 1 to 5, wherein the stream is an MPEG transport stream and the packet is a transport packet.
7. The transfer rate controller according to any one of claims 1 to 6, wherein the packet rate adjusting means controls a transfer rate according to a warning indicative that an overflow is likely to occur in a buffer of a decoder.

8. A decoding system, comprising:

a buffer for temporarily storing an inputted stream;

and

decoding means of inputting the stream from the buffer and decoding and outputting the stream,

monitor means of monitoring a free space of the buffer and issueing a warning to the transfer rate controller according to claim 7, which transmits the stream, if an overflow is likely to occur in the buffer.

9. A medium for storing a program and/or data for allowing a computer to carry out all or some functions of all or some means of the transfer rate controller or the decoding system according to any of claims 1 to 8, wherein the medium is processible by a computer.

10. An information aggregate comprising a program and/or data for allowing a computer to carry out all or some functions of all or some means of the transfer rate controller or the decoding system according to any of claims 1 to 8.

11. A transmitting medium for transmitting an MPEG transport stream outputted from the transfer rate controller according to any of claims 1 to 7.

12. A recording medium for recording an MPEG transport stream outputted from the transfer rate controller according any one of claims 1 to 7.